	Type	Hits	Search Text	DBs
1	BRS	1293	(AlGaAs "Al Ga As" "AlGaAs" "Al.sub.0.44 Ga.sub.0.56 As" "Al.sub.0.22 Ga.sub.0.78 As") and ("Ga As" "GaAs" GaAs) and (InGaAs "In Ga As" "InGaAs" "In.sub.0.44 Ga.sub.0.56 As" "In.sub.0.15 Ga.sub.0.85 As")	USPAT
2	BRS	1605	(AlGaAs "Al Ga As" "AlGaAs" "Al.sub.0.44 Ga.sub.0.56 As" "Al.sub.0.22 Ga.sub.0.78 As") and ("Ga As" "GaAs" GaAs) and (InGaAs "In Ga As" "InGaAs" "In.sub.0.44 Ga.sub.0.56 As" "In.sub.0.15 Ga.sub.0.85 As")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
3	BRS	743	((AlGaAs "Al Ga As" "AlGaAs" "Al.sub.0.44 Ga.sub.0.56 As" "Al.sub.0.22 Ga.sub.0.78 As") and ("Ga As" "GaAs" GaAs) and (InGaAs "In Ga As" "InGaAs" "In.sub.0.44 Ga.sub.0.56 As" "In.sub.0.15 Ga.sub.0.85 As")) and 257/$	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
4	BRS	672	(quantum adj well photo adj excit$5 photoexcit$5) and ((AlGaAs "Al Ga As" "AlGaAs" "Al.sub.0.44 Ga.sub.0.56 As" "Al.sub.0.22 Ga.sub.0.78 As") and ("Ga As" "GaAs" GaAs) and (InGaAs "In Ga As" "InGaAs" "In.sub.0.44 Ga.sub.0.56 As" "In.sub.0.15 Ga.sub.0.85 As"))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
5	BRS	331	(((AlGaAs "Al Ga As" "AlGaAs" "Al.sub.0.44 Ga.sub.0.56 As" "Al.sub.0.22 Ga.sub.0.78 As") and ("Ga As" "GaAs" GaAs) and (InGaAs "In Ga As" "InGaAs" "In.sub.0.44 Ga.sub.0.56 As" "In.sub.0.15 Ga.sub.0.85 As")) and 257/$) and ((quantum adj well photo adj excit$5 photoexcit$5) and ((AlGaAs "Al Ga As" "AlGaAs" "Al.sub.0.44 Ga.sub.0.56 As" "Al.sub.0.22 Ga.sub.0.78 As") and ("Ga As" "GaAs" GaAs) and (InGaAs "In Ga As" "InGaAs" "In.sub.0.44 Ga.sub.0.56 As" "In.sub.0.15 Ga.sub.0.85 As")))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB

	Time Stamp	Comments	Error Definition	Errors
1	2001/10/09 15:41			0
2	2001/05/16 16:52			0
3	2001/05/16 11:17		Truncation Overflow. Return string from Server is: 5`0`0`257	1
4	2001/05/16 11:23			0
5	2001/05/16 11:23			0

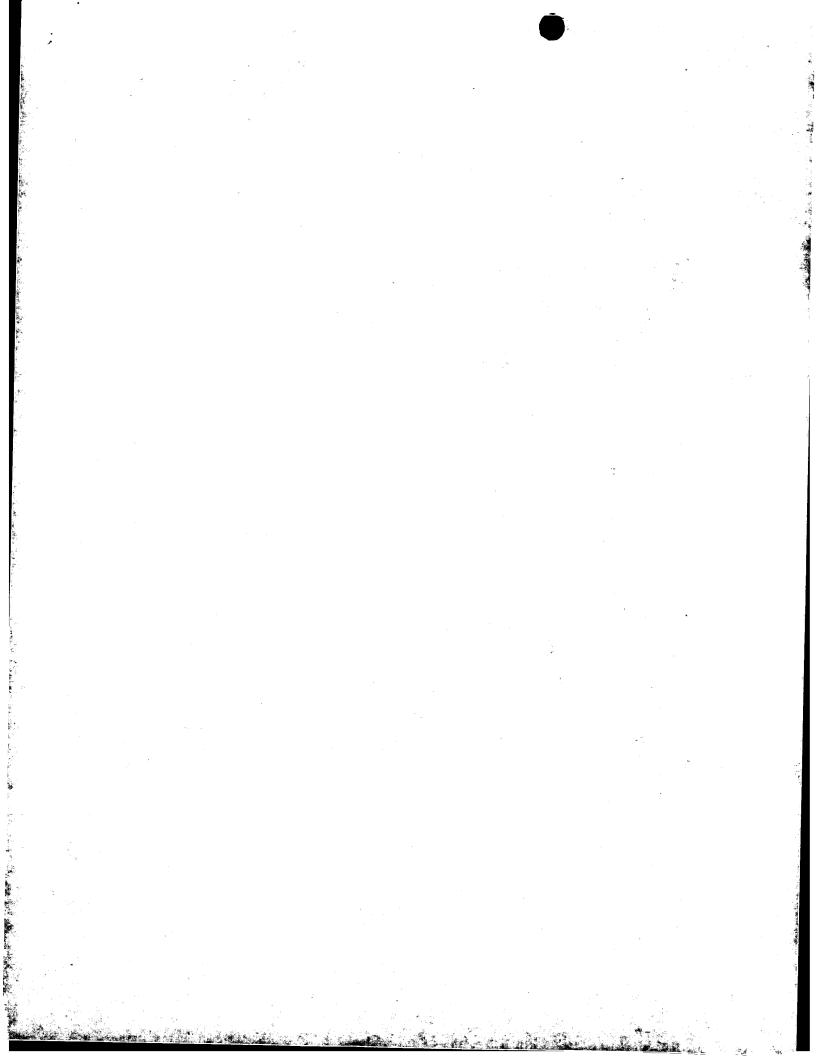|	Type	Hits	Search Text	DBs
6	BRS	17	(quantum adj well) and (photo adj excit$5 photoexcit$5) and ((AlGaAs "Al Ga As" "AlGaAs" "Al.sub.0.44 Ga.sub.0.56 As" "Al.sub.0.22 Ga.sub.0.78 As") and ("Ga As" "GaAs" GaAs) and (InGaAs "In Ga As" "InGaAs" "In.sub.0.44 Ga.sub.0.56 As" "In.sub.0.15 Ga.sub.0.85 As"))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
7	BRS	0	((AlGaAs "Al Ga As" "AlGaAs" "Al.sub.0.44 Ga.sub.0.56 As" "Al.sub.0.22 Ga.sub.0.78 As") with (barrier)) and (("Ga As" "GaAs" GaAs) with (substrate and storage)) and ((InGaAs "In Ga As" "InGaAs" "In.sub.0.44 Ga.sub.0.56 As" "In.sub.0.15 Ga.sub.0.85 As") with (quantum well))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
8	BRS	0	((AlGaAs "Al Ga As" "AlGaAs" "Al.sub.0.44 Ga.sub.0.56 As" "Al.sub.0.22 Ga.sub.0.78 As") with (barrier buffer)) and (("Ga As" "GaAs" GaAs) with (substrate and storage)) and ((InGaAs "In Ga As" "InGaAs" "In.sub.0.44 Ga.sub.0.56 As" "In.sub.0.15 Ga.sub.0.85 As") with (quantum well))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
9	BRS	7	((AlGaAs "Al Ga As" "AlGaAs" "Al.sub.0.44 Ga.sub.0.56 As" "Al.sub.0.22 Ga.sub.0.78 As") same (barrier buffer)) and (("Ga As" "GaAs" GaAs) same (substrate and storage)) and ((InGaAs "In Ga As" "InGaAs" "In.sub.0.44 Ga.sub.0.56 As" "In.sub.0.15 Ga.sub.0.85 As") same (quantum well))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
10	BRS	112	((AlGaAs "Al Ga As" "AlGaAs" "Al.sub.0.44 Ga.sub.0.56 As" "Al.sub.0.22 Ga.sub.0.78 As") with (barrier buffer)) and (("Ga As" "GaAs" GaAs) with (substrate and (quantum storage))) and ((InGaAs "In Ga As" "InGaAs" "In.sub.0.44 Ga.sub.0.56 As" "In.sub.0.15 Ga.sub.0.85 As") with (quantum well))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB

	Time Stamp	Comments	Error Definition	Errors
6	2001/05/16 11:24			0
7	2001/05/16 11:32			0
8	2001/05/16 11:44			0
9	2001/05/16 11:44			0
10	2001/05/16 11:54			0

	Type	Hits	Search Text	DBs
11	BRS	66	(((AlGaAs "Al Ga As" "AlGaAs" "Al.sub.0.44 Ga.sub.0.56 As" "Al.sub.0.22 Ga.sub.0.78 As") with (barrier buffer)) and (("Ga As" "GaAs" GaAs) with (substrate and (quantum storage))) and ((InGaAs "In Ga As" "InGaAs" "In.sub.0.44 Ga.sub.0.56 As" "In.sub.0.15 Ga.sub.0.85 As") with (quantum well))) and 257/$	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
12	BRS	180	electromagnetic adj wave adj detector	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
13	BRS	0	(((AlGaAs "Al Ga As" "AlGaAs" "Al.sub.0.44 Ga.sub.0.56 As" "Al.sub.0.22 Ga.sub.0.78 As") with (barrier buffer)) and (("Ga As" "GaAs" GaAs) with (substrate and (quantum storage))) and ((InGaAs "In Ga As" "InGaAs" "In.sub.0.44 Ga.sub.0.56 As" "In.sub.0.15 Ga.sub.0.85 As") with (quantum well))) and (electromagnetic adj wave adj detector)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
14	BRS	29228	electromagnetic adj wave	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
15	BRS	180	(electromagnetic adj wave) and (electromagnetic adj wave adj detector)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
16	BRS	0	(electromagnetic adj wave) and (((("AlGaAs "Al Ga As" "AlGaAs" "Al.sub.0.44 Ga.sub.0.56 As" "Al.sub.0.22 Ga.sub.0.78 As") with (barrier buffer)) and (("Ga As" "GaAs" GaAs) with (substrate and (quantum storage))) and ((InGaAs "In Ga As" "InGaAs" "In.sub.0.44 Ga.sub.0.56 As" "In.sub.0.15 Ga.sub.0.85 As") with (quantum well))) and 257/$)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB

	Time Stamp	Comments	Error Definition	Errors
11	2001/05/16 11:54		Truncation Overflow. Return string from Server is: 5`0`0`257	1
12	2001/05/16 11:55			0
13	2001/05/16 11:55			0
14	2001/05/16 11:56			0
15	2001/05/16 11:56			0
16	2001/05/16 11:56			0

	Type	Hits	Search Text	DBs
17	BRS	6	electromagnetic and ((((AlGaAs "Al Ga As" "AlGaAs" "Al.sub.0.44 Ga.sub.0.56 As" "Al.sub.0.22 Ga.sub.0.78 As") with (barrier buffer)) and (("Ga As" "GaAs" GaAs) with (substrate and (quantum storage))) and ((InGaAs "In Ga As" "InGaAs" "In.sub.0.44 Ga.sub.0.56 As" "In.sub.0.15 Ga.sub.0.85 As") with (quantum well))) and 257/$)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
18	BRS	131	(first and third) adj (buffer barrier) adj (layer)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
19	BRS	0	((electromagnetic adj wave) and (electromagnetic adj wave adj detector)) and ((first and third) adj (buffer barrier) adj (layer))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
20	BRS	1115	(first and third) adj (buffer barrier)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
21	BRS	0	((electromagnetic adj wave) and (electromagnetic adj wave adj detector)) and ((first and third) adj (buffer barrier))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
22	BRS	1589	(third) adj (buffer barrier)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
23	BRS	2	((electromagnetic adj wave) and (electromagnetic adj wave adj detector)) and ((third) adj (buffer barrier))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
24	IS&R	1	("5506418").PN.	USPAT
25	BRS	8	5506418.URPN.	USPAT
26	BRS	8	electron adj storage adj layer	USPAT
27	BRS	244	electron adj storage	USPAT
28	BRS	479	electron near stor$3	USPAT
29	BRS	8	5506418.URPN.	USPAT
30	BRS	4140	quantum adj well	USPAT
31	BRS	15	(electron near stor$3) and (quantum adj well)	USPAT
32	BRS	17	5670790.URPN.	USPAT

10/10/2001, EAST Version: 1.02.0008

	Time Stamp	Comments	Error Definition	Errors
17	2001/05/16 12:06			0
18	2001/05/16 12:42			0
19	2001/05/16 12:43			0
20	2001/05/16 12:43			0
21	2001/05/16 12:46			0
22	2001/05/16 12:44			0
23	2001/05/16 16:10			0
24	2001/05/16 16:30			0
25	2001/05/16 16:12			0
26	2001/05/16 16:32			0
27	2001/05/16 16:32			0
28	2001/05/16 16:38			0
29	2001/05/16 16:36			0
30	2001/05/16 16:38			0
31	2001/05/16 16:39			0
32	2001/05/16 16:49			0

10/10/2001, EAST Version: 1.02.0008

	Type	Hits	Search Text	DBs
33	BRS	468	(AlGaAs "Al Ga As" "AlGaAs" "Al.sub.0.44 Ga.sub.0.56 As" "Al.sub.0.22 Ga.sub.0.78 As") and ("Ga As" "GaAs" GaAs) and (InGaAs "In Ga As" "InGaAs" "In.sub.0.44 Ga.sub.0.56 As" "In.sub.0.15 Ga.sub.0.85 As") and (sens$5 detector)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
34	BRS	0	electormagnet$5 and ((AlGaAs "Al Ga As" "AlGaAs" "Al.sub.0.44 Ga.sub.0.56 As" "Al.sub.0.22 Ga.sub.0.78 As") and ("Ga As" "GaAs" GaAs) and (InGaAs "In Ga As" "InGaAs" "In.sub.0.44 Ga.sub.0.56 As" "In.sub.0.15 Ga.sub.0.85 As") and (sens$5 detector))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
35	BRS	74	electromagnet$5 and ((AlGaAs "Al Ga As" "AlGaAs" "Al.sub.0.44 Ga.sub.0.56 As" "Al.sub.0.22 Ga.sub.0.78 As") and ("Ga As" "GaAs" GaAs) and (InGaAs "In Ga As" "InGaAs" "In.sub.0.44 Ga.sub.0.56 As" "In.sub.0.15 Ga.sub.0.85 As") and (sens$5 detector))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
36	BRS	574	(AlGaAs "Al Ga As" "AlGaAs" "Al.sub.0.44 Ga.sub.0.56 As" "Al.sub.0.22 Ga.sub.0.78 As") and ("Ga As" "GaAs" GaAs) and (InGaAs "In Ga As" "InGaAs" "In.sub.0.44 Ga.sub.0.56 As" "In.sub.0.15 Ga.sub.0.85 As") and (sens$5 detect$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
37	BRS	78	electromagnet$5 and ((AlGaAs "Al Ga As" "AlGaAs" "Al.sub.0.44 Ga.sub.0.56 As" "Al.sub.0.22 Ga.sub.0.78 As") and ("Ga As" "GaAs" GaAs) and (InGaAs "In Ga As" "InGaAs" "In.sub.0.44 Ga.sub.0.56 As" "In.sub.0.15 Ga.sub.0.85 As") and (sens$5 detect$5))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
38	BRS	215	(AlGaAs "Al Ga As" "AlGaAs" "Al.sub.0.44 Ga.sub.0.56 As" "Al.sub.0.22 Ga.sub.0.78 As") and ("Ga As" "GaAs" GaAs) and (InGaAs "In Ga As" "InGaAs" "In.sub.0.44 Ga.sub.0.56 As" "In.sub.0.15 Ga.sub.0.85 As") and (photosens$5 photodetect$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB

	Time Stamp	Comments	Error Definition	Errors
33	2001/05/17 08:49			0
34	2001/05/17 08:47			0
35	2001/05/17 08:51			0
36	2001/05/17 10:12			0
37	2001/05/17 08:51			0
38	2001/05/17 09:50			0

	Type	Hits	Search Text	DBs
39	BRS	35	(AlGaAs "Al Ga As" "AlGaAs" "Al.sub.0.44 Ga.sub.0.56 As" "Al.sub.0.22 Ga.sub.0.78 As") and ("Ga As" "GaAs" GaAs) and (InGaAs "In Ga As" "InGaAs" "In.sub.0.44 Ga.sub.0.56 As" "In.sub.0.15 Ga.sub.0.85 As") and photo adj (sens$5 detect$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
40	BRS	228	((AlGaAs "Al Ga As" "AlGaAs" "Al.sub.0.44 Ga.sub.0.56 As" "Al.sub.0.22 Ga.sub.0.78 As") and ("Ga As" "GaAs" GaAs) and (InGaAs "In Ga As" "InGaAs" "In.sub.0.44 Ga.sub.0.56 As" "In.sub.0.15 Ga.sub.0.85 As") and (photosens$5 photodetect$5)) ((AlGaAs "Al Ga As" "AlGaAs" "Al.sub.0.44 Ga.sub.0.56 As" "Al.sub.0.22 Ga.sub.0.78 As") and ("Ga As" "GaAs" GaAs) and (InGaAs "In Ga As" "InGaAs" "In.sub.0.44 Ga.sub.0.56 As" "In.sub.0.15 Ga.sub.0.85 As") and photo adj (sens$5 detect$5))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
41	BRS	127	(((AlGaAs "Al Ga As" "AlGaAs" "Al.sub.0.44 Ga.sub.0.56 As" "Al.sub.0.22 Ga.sub.0.78 As") and ("Ga As" "GaAs" GaAs) and (InGaAs "In Ga As" "InGaAs" "In.sub.0.44 Ga.sub.0.56 As" "In.sub.0.15 Ga.sub.0.85 As") and (photosens$5 photodetect$5)) ((AlGaAs "Al Ga As" "AlGaAs" "Al.sub.0.44 Ga.sub.0.56 As" "Al.sub.0.22 Ga.sub.0.78 As") and ("Ga As" "GaAs" GaAs) and (InGaAs "In Ga As" "InGaAs" "In.sub.0.44 Ga.sub.0.56 As" "In.sub.0.15 Ga.sub.0.85 As") and photo adj (sens$5 detect$5))) and 257/$	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB

	Time Stamp	Comments	Error Definition	Errors
39	2001/05/17 09:50			0
40	2001/05/17 09:50			0
41	2001/05/17 09:53		Truncation Overflow. Return string from Server is: 5`0`0`257	1

	Type	Hits	Search Text	DBs
42	BRS	0	((((AlGaAs "Al Ga As" "AlGaAs" "Al.sub.0.44 Ga.sub.0.56 As" "Al.sub.0.22 Ga.sub.0.78 As") and ("Ga As" "GaAs" GaAs) and (InGaAs "In Ga As" "InGaAs" "In.sub.0.44 Ga.sub.0.56 As" "In.sub.0.15 Ga.sub.0.85 As") and (photosens$5 photodetect$5)) ((AlGaAs "Al Ga As" "AlGaAs" "Al.sub.0.44 Ga.sub.0.56 As" "Al.sub.0.22 Ga.sub.0.78 As") and ("Ga As" "GaAs" GaAs) and (InGaAs "In Ga As" "InGaAs" "In.sub.0.44 Ga.sub.0.56 As" "In.sub.0.15 Ga.sub.0.85 As") and photo adj (sens$5 detect$5))) and 257/$) and grated near3 layer	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
43	BRS	24	((((AlGaAs "Al Ga As" "AlGaAs" "Al.sub.0.44 Ga.sub.0.56 As" "Al.sub.0.22 Ga.sub.0.78 As") and ("Ga As" "GaAs" GaAs) and (InGaAs "In Ga As" "InGaAs" "In.sub.0.44 Ga.sub.0.56 As" "In.sub.0.15 Ga.sub.0.85 As") and (photosens$5 photodetect$5)) ((AlGaAs "Al Ga As" "AlGaAs" "Al.sub.0.44 Ga.sub.0.56 As" "Al.sub.0.22 Ga.sub.0.78 As") and ("Ga As" "GaAs" GaAs) and (InGaAs "In Ga As" "InGaAs" "In.sub.0.44 Ga.sub.0.56 As" "In.sub.0.15 Ga.sub.0.85 As") and photo adj (sens$5 detect$5))) and 257/$) and graded near3 layer	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
44	BRS	672	(AlGaAs GaAlAs "GaAlAs" "Ga Al As" aluminum adj gallium adj arsinide "Al Ga As" "AlGaAs" ("Al.sub.0.44 Ga.sub.0.56 As" "Al.sub.0.22 Ga.sub.0.78 As") with graded) and ("Ga As" "GaAs" GaAs) and (InGaAs "In Ga As" "InGaAs" "In.sub.0.44 Ga.sub.0.56 As" "In.sub.0.15 Ga.sub.0.85 As") and (sens$5 detect$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB

	Time Stamp	Comments	Error Definition	Errors
42	2001/05/17 09:53			0
43	2001/05/17 10:07			0
44	2001/05/17 14:13			0

	Type	Hits	Search Text	DBs
45	BRS	27	(AlGaAs GaAlAs "GaAlAs" "Ga Al As" aluminum adj gallium adj arsinide "Al Ga As" "AlGaAs" ("Al.sub.0.44 Ga.sub.0.56 As" "Al.sub.0.22 Ga.sub.0.78 As")) and ("Ga As" "GaAs" GaAs) and (InGaAs "In Ga As" "InGaAs" "In.sub.0.44 Ga.sub.0.56 As" "In.sub.0.15 Ga.sub.0.85 As") and (sens$5 detect$5) and (barrier with graded)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
46	BRS	30	(AlGaAs GaAlAs "GaAlAs" "Ga Al As" aluminum adj gallium adj arsenide "Al Ga As" "AlGaAs" ("Al.sub.0.44 Ga.sub.0.56 As" "Al.sub.0.22 Ga.sub.0.78 As")) and ("Ga As" gallium adj arsenide "GaAs" GaAs) and (InGaAs "In Ga As" "InGaAs" "In.sub.0.44 Ga.sub.0.56 As" "In.sub.0.15 Ga.sub.0.85 As") and (sens$5 detect$5) and (barrier with graded)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
47	BRS	1826	(AlGaAs GaAlAs "GaAlAs" "Ga Al As" aluminum adj gallium adj arsenide "Al Ga As" "AlGaAs" ("Al.sub.0.44 Ga.sub.0.56 As" "Al.sub.0.22 Ga.sub.0.78 As") with graded) and ("Ga As" "GaAs" GaAs) and (InGaAs "In Ga As" "InGaAs" "In.sub.0.44 Ga.sub.0.56 As" "In.sub.0.15 Ga.sub.0.85 As")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
48	BRS	2326	(AlGaAs GaAlAs "GaAlAs" "Ga Al As" aluminum adj gallium adj arsenide "Al Ga As" "AlGaAs" ("Al.sub.0.44 Ga.sub.0.56 As" "Al.sub.0.22 Ga.sub.0.78 As") with graded) and ("Ga As" gallium adj arsenide "GaAs" GaAs) and (InGaAs GaInAs "GaInAs" "Ga In As" indium adj gallium adj arsenide gallium adj indium adj arsenide "In Ga As" "InGaAs" "In.sub.0.44 Ga.sub.0.56 As" "In.sub.0.15 Ga.sub.0.85 As")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB

	Time Stamp	Comments	Error Definition	Errors
45	2001/05/17 10:20			0
46	2001/05/17 10:22			0
47	2001/05/17 10:24			0
48	2001/05/17 10:27			0

	Type	Hits	Search Text	DBs
49	BRS	601	(((AlGaAs GaAlAs "GaAlAs" "Ga Al As" aluminum adj gallium adj arsinide "Al Ga As" "AlGaAs" ("Al.sub.0.44 Ga.sub.0.56 As" "Al.sub.0.22 Ga.sub.0.78 As") with graded) and ("Ga As" "GaAs" GaAs) and (InGaAs "In Ga As" "InGaAs" "In.sub.0.44 Ga.sub.0.56 As" "In.sub.0.15 Ga.sub.0.85 As") and (sens$5 detect$5)) ((AlGaAs GaAlAs "GaAlAs" "Ga Al As" aluminum adj gallium adj arsinide "Al Ga As" "AlGaAs" ("Al.sub.0.44 Ga.sub.0.56 As" "Al.sub.0.22 Ga.sub.0.78 As")) and ("Ga As" "GaAs" GaAs) and (InGaAs "In Ga As" "InGaAs" "In.sub.0.44 Ga.sub.0.56 As" "In.sub.0.15 Ga.sub.0.85 As") and (sens$5 detect$5) and (barrier with graded)) ((AlGaAs GaAlAs "GaAlAs" "Ga Al As" aluminum adj gallium adj arsenide "Al Ga As" "AlGaAs" ("Al.sub.0.44 Ga.sub.0.56 As" "Al.sub.0.22 Ga.sub.0.78 As")) and ("Ga As" gallium adj arsenide "GaAs" GaAs) and (InGaAs "In Ga As" "InGaAs" "In.sub.0.44 Ga.sub.0.56 As" "In.sub.0.15	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB

	Time Stamp	Comments	Error Definition	Errors
49	2001/05/17 10:36		Truncation Overflow. Return string from Server is: 5`0`0`257	1

	Type	Hits	Search Text	DBs
50	BRS	513	((((AlGaAs GaAlAs "GaAlAs" "Ga Al As" aluminum adj gallium adj arsinide "Al Ga As" "AlGaAs" ("Al.sub.0.44 Ga.sub.0.56 As" "Al.sub.0.22 Ga.sub.0.78 As") with graded) and ("Ga As" "GaAs" GaAs) and (InGaAs "In Ga As" "InGaAs" "In.sub.0.44 Ga.sub.0.56 As" "In.sub.0.15 Ga.sub.0.85 As") and (sens$5 detect$5)) ((AlGaAs GaAlAs "GaAlAs" "Ga Al As" aluminum adj gallium adj arsinide "Al Ga As" "AlGaAs" ("Al.sub.0.44 Ga.sub.0.56 As" "Al.sub.0.22 Ga.sub.0.78 As")) and ("Ga As" "GaAs" GaAs) and (InGaAs "In Ga As" "InGaAs" "In.sub.0.44 Ga.sub.0.56 As" "In.sub.0.15 Ga.sub.0.85 As") and (sens$5 detect$5) and (barrier with graded)) ((AlGaAs GaAlAs "GaAlAs" "Ga Al As" aluminum adj gallium adj arsenide "Al Ga As" "AlGaAs" ("Al.sub.0.44 Ga.sub.0.56 As" "Al.sub.0.22 Ga.sub.0.78 As")) and ("Ga As" gallium adj arsenide "GaAs" GaAs) and (InGaAs "In Ga As" "InGaAs" "In.sub.0.44 Ga.sub.0.56 As" "In.sub.0.15	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB

	Time Stamp	Comments	Error Definition	Errors
50	2001/05/17 10:36			0

	Type	Hits	Search Text	DBs
51	BRS	269	(((((AlGaAs GaAlAs "GaAlAs" "Ga Al As" aluminum adj gallium adj arsinide "Al Ga As" "AlGaAs" ("Al.sub.0.44 Ga.sub.0.56 As" "Al.sub.0.22 Ga.sub.0.78 As") with graded) and ("Ga As" "GaAs" GaAs) and (InGaAs "In Ga As" "InGaAs" "In.sub.0.44 Ga.sub.0.56 As" "In.sub.0.15 Ga.sub.0.85 As") and (sens$5 detect$5)) ((AlGaAs GaAlAs "GaAlAs" "Ga Al As" aluminum adj gallium adj arsinide "Al Ga As" "AlGaAs" ("Al.sub.0.44 Ga.sub.0.56 As" "Al.sub.0.22 Ga.sub.0.78 As")) and ("Ga As" "GaAs" GaAs) and (InGaAs "In Ga As" "InGaAs" "In.sub.0.44 Ga.sub.0.56 As" "In.sub.0.15 Ga.sub.0.85 As") and (sens$5 detect$5) and (barrier with graded)) ((AlGaAs GaAlAs "GaAlAs" "Ga Al As" aluminum adj gallium adj arsenide "Al Ga As" "AlGaAs" ("Al.sub.0.44 Ga.sub.0.56 As" "Al.sub.0.22 Ga.sub.0.78 As")) and ("Ga As" gallium adj arsenide "GaAs" GaAs) and (InGaAs "In Ga As" "InGaAs" "In.sub.0.44 Ga.sub.0.56 As" "In.sub.0.15	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
52	IS&R	12	(("5869844") or ("5086327") or ("5187715") or ("5228777") or ("5326984") or ("5506418") or ("5677544") or ("5726500") or ("5712499") or ("5719670") or ("5684817") or ("5739949")).PN.	USPAT
53	IS&R	534	("257/17,21,185").CCLS.	USPAT

	Time Stamp	Comments	Error Definition	Errors
51	2001/05/17 11:25			0
52	2001/05/17 10:45			0
53	2001/05/17 11:25			0

	Type	Hits	Search Text	DBs
54	BRS	53	((((((AlGaAs GaAlAs "GaAlAs" "Ga Al As" aluminum adj gallium adj arsinide "Al Ga As" "AlGaAs" ("Al.sub.0.44 Ga.sub.0.56 As" "Al.sub.0.22 Ga.sub.0.78 As") with graded) and ("Ga As" "GaAs" GaAs) and (InGaAs "In Ga As" "InGaAs" "In.sub.0.44 Ga.sub.0.56 As" "In.sub.0.15 Ga.sub.0.85 As") and (sens$5 detect$5)) ((AlGaAs GaAlAs "GaAlAs" "Ga Al As" aluminum adj gallium adj arsinide "Al Ga As" "AlGaAs" ("Al.sub.0.44 Ga.sub.0.56 As" "Al.sub.0.22 Ga.sub.0.78 As")) and ("Ga As" "GaAs" GaAs) and (InGaAs "In Ga As" "InGaAs" "In.sub.0.44 Ga.sub.0.56 As" "In.sub.0.15 Ga.sub.0.85 As") and (sens$5 detect$5) and (barrier with graded)) ((AlGaAs GaAlAs "GaAlAs" "Ga Al As" aluminum adj gallium adj arsenide "Al Ga As" "AlGaAs" ("Al.sub.0.44 Ga.sub.0.56 As" "Al.sub.0.22 Ga.sub.0.78 As")) and ("Ga As" gallium adj arsenide "GaAs" GaAs) and (InGaAs "In Ga As" "InGaAs" "In.sub.0.44 Ga.sub.0.56 As" "In.sub.0.15	USPAT
55	BRS	214	piezoelectric near semiconductor	USPAT
56	BRS	19	piezoelectric near semiconductor with electric adj field	USPAT
57	BRS	601	piezoelectric with natural adjelectric adj field	USPAT
58	BRS	601	piezoelectric with natural adjelectric adj field with semiconductor	USPAT
59	BRS	0	piezoelectric near semiconductor with natural adj electric adj field	USPAT
60	BRS	0	piezoelectric with natural adj electric adj field	USPAT
61	BRS	0	piezoelectric same natural adj electric adj field	USPAT
62	BRS	6	natural adj electric adj field	USPAT

	Time Stamp	Comments	Error Definition	Errors
54	2001/05/17 13:59			0
55	2001/05/17 14:00			0
56	2001/05/17 14:03			0
57	2001/05/17 14:04			0
58	2001/05/17 14:04			0
59	2001/05/17 14:05			0
60	2001/05/17 14:05			0
61	2001/05/17 14:16			0
62	2001/05/17 14:05			0

	Type	Hits	Search Text	DBs
63	BRS	428	(AlGaAs GaAlAs "GaAlAs" "Ga Al As" aluminum adj gallium adj arsenide "Al Ga As" "AlGaAs" ("Al.sub.0.44 Ga.sub.0.56 As" "Al.sub.0.22 Ga.sub.0.78 As")) and ("Ga As" gallium adj arsenide "GaAs" GaAs) and ("Ga In As" "GaInAs" GaInAs Indium adj gallium adj arsenide InGaAs "In Ga As" "InGaAs" "In.sub.0.44 Ga.sub.0.56 As" "In.sub.0.15 Ga.sub.0.85 As") with (quantum adj well)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
64	BRS	3	piezoelectric adj field with quantum adj well	USPAT
65	BRS	2	(AlGaAs GaAlAs "GaAlAs" "Ga Al As" aluminum adj gallium adj arsenide "Al Ga As" "AlGaAs" ("Al.sub.0.44 Ga.sub.0.56 As" "Al.sub.0.22 Ga.sub.0.78 As")) and ("Ga As" gallium adj arsenide "GaAs" GaAs) and ("Ga In As" "GaInAs" GaInAs Indium adj gallium adj arsenide InGaAs "In Ga As" "InGaAs" "In.sub.0.44 Ga.sub.0.56 As" "In.sub.0.15 Ga.sub.0.85 As") with (piezoelectric adj field)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
66	BRS	2	(gallium adj arsenide GaAs "Ga As" "GaAs") with (piezoelectric adj field)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
67	BRS	2	(("257/17,21,185").CCLS.) and (electric adj field with doped adj semiconductor)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
68	BRS	52	electric adj field with doped adj semiconductor	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
69	BRS	12	electric adj field with doped adj semiconductor adj layer$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
70	BRS	172	ohmic adj contact$1 and (("257/17,21,185").CCLS.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
71	BRS	8	5506418.URPN.	USPAT
72	BRS	1	5594750.URPN.	USPAT
73	BRS	3	("5268582" | "5481397" | "5506418").PN.	USPAT
74	BRS	10	5416338.URPN.	USPAT

	Time Stamp	Comments	Error Definition	Errors
63	2001/05/17 14:31			0
64	2001/05/17 14:26			0
65	2001/05/17 14:54			0
66	2001/05/17 16:36			0
67	2001/10/09 14:43			0
68	2001/05/17 16:38			0
69	2001/05/17 17:56			0
70	2001/05/17 17:57			0
71	2001/05/18 07:54			0
72	2001/05/18 07:57			0
73	2001/05/18 07:58			0
74	2001/05/18 08:06			0

	Type	Hits	Search Text	DBs
75	BRS	14	5121181.URPN.	USPAT
76	BRS	0	RE34649.URPN.	USPAT
77	BRS	9	("Re32893" | "4796067" | "4822992" | "4894526" | "4903101" | "5010517" | "5036371" | "5121181" | "5185647").PN.	USPAT
78	BRS	16	("4203124" | "4383269" | "4390889" | "4471370" | "4587544" | "4616241" | "4631566" | "4711857" | "4712121" | "4722907" | "4739385" | "4761680" | "4814837" | "4826295" | "4851886" | "4903101").PN.	USPAT
79	BRS	896	(("257/17,21,185").CCLS.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
80	BRS	9	composition with gradient and ((("257/17,21,185").CCLS.))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
81	BRS	47	composition with gradient with transfer	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
82	BRS	4	composition with gradient with transfer and (438/$ 257/$)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
83	BRS	2	((AlGaAs "Al Ga As" "AlGaAs" "Al.sub.0.44 Ga.sub.0.56 As" "Al.sub.0.22 Ga.sub.0.78 As") and ("Ga As" "GaAs" GaAs) and (InGaAs "In Ga As" "InGaAs" "In.sub.0.44 Ga.sub.0.56 As" "In.sub.0.15 Ga.sub.0.85 As")) same composition with gradient	USPAT
84	BRS	5	composition with grad$4 with transfer and (438/$ 257/$)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB

	Time Stamp	Comments	Error Definition	Errors
75	2001/05/18 08:30			0
76	2001/05/18 08:34			0
77	2001/05/18 08:35			0
78	2001/05/18 08:35			0
79	2001/10/09 14:50			0
80	2001/10/09 14:56			0
81	2001/10/09 15:23			0
82	2001/10/09 15:45		Truncation Overflow. Return string from Server is: 5`1350153	1
83	2001/10/09 15:44			0
84	2001/10/09 15:54		Truncation Overflow. Return string from Server is: 5`1350153	1

	Type	Hits	Search Text	DBs
85	BRS	77	composition with grad$4 with barrier and (438/$ 257/$) not (composition with grad$4 with transfer and (438/$ 257/$))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
86	BRS	23	(composition with grad$4 with barrier and (438/$ 257/$) not (composition with grad$4 with transfer and (438/$ 257/$))) and III-V	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
87	BRS	54	(composition with grad$4 with barrier and (438/$ 257/$) not (composition with grad$4 with transfer and (438/$ 257/$))) not ((composition with grad$4 with barrier and (438/$ 257/$) not (composition with grad$4 with transfer and (438/$ 257/$))) and III-V)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
88	BRS	22	DEVEAUD-PLEDRAN-B DEVEAUD-PLEDRAN-BENOIT DEVEAUD-PLEDRAN-ET-AL DEVEAUD-PLEDRAN	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
89	BRS	36	VINTER-BORGE VINTER-ET-AL	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
90	BRS	22	VINTER-BORGE	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
91	IS&R	1	("5432362").PN.	USPAT
92	IS&R	1	("5311211").PN.	USPAT
93	IS&R	1	("5311221").PN.	USPAT
94	BRS	2250	decreas$3 with (emitt$3 near8 collect$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
95	BRS	41	decreas$3 with (emitt$3 near8 collect$3) with (band adj gap energy)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
96	BRS	80	ROSENCHER-EMMANUEL ROSENCHER-ET-AL ROSENCHER	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
97	BRS	10	(VINTER-BORGE VINTER-ET-AL) and (ROSENCHER-EMMANUEL ROSENCHER-ET-AL ROSENCHER)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
98	BRS	2	ohmic adj contact$1 with electron adj storage adj layer	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB

	Time Stamp	Comments	Error Definition	Errors
85	2001/10/10 09:03		Truncation Overflow. Return string from Server is: 5`1350153	1
86	2001/10/09 16:37			0
87	2001/10/09 16:38			0
88	2001/10/10 09:14			0
89	2001/10/10 09:14			0
90	2001/10/10 11:48			0
91	2001/10/10 09:25			0
92	2001/10/10 09:25			0
93	2001/10/10 09:27			0
94	2001/10/10 09:30			0
95	2001/10/10 10:01			0
96	2001/10/10 10:07			0
97	2001/10/10 10:07			0
98	2001/10/10 13:53			0

	Type	Hits	Search Text	DBs
99	IS&R	1	("5429957").PN.	USPAT

	Time Stamp	Comments	Error Definition	Errors
99	2001/10/10 13:53			0

	Time Stamp	Comments	Error Definition	Errors